Dated at WASHINGTON, D.C.

	October 28th , 19 22
Register of Copyrights,	
Library of Congress, Washington, D. C.	431460012822
Dear Sir:	
The undersigned claimant of copyright	in the work herein named,
deposited in the Copyright Office and duly r	registered for copyright pro-
tection, requests the return to him under the	provisions of sections 59 and
60 of the Act of March 4, 1909, of one or both	of the deposited copies of the
Ford Educational Library Agriculture enti	itled "Luther Burbank"
(2 Reels) Rel. #34	
deposited in the Copyright Office on under Class , XXc., No. OIM 2203	
If this request can be granted you are	e asked and authorized to send
the said copy or copies to me at the following a	address:
Ford Motor Company, 451 Penna Ave., N.W., Wash	nington, D.C. or
to	
at	
July, 1920—500	ORD MOTOR COMPANY (Claimant of Copyright)
	dief Clerk Ashington Branch

Heceived the above:

M. J. Lynham

Ford Motor Company Res R. Classe
Chief Clerk
Washington Branch.

FORD EDUCATIONAL LIBRARY

NATURE STUDY

Release No. 34.

OCT 28 1922

MAIN TITLE:

"LUTHER BURBANK"

Produced and Distributed by Ford Motion
Picture Laboratories

Copyrighted 1922 by Ford Motor Company

SUB-TITLES:

- Luther Burbank breeds plants for better food and more beautiful flowers. His
 modest home at Santa Rosa in California is surrounded by 3,000 different
 plants.
- 2. He wants us to know of his experiments which have given the world 300 new and useful plants.
- 3. More than 100,000 experiments, extending over fifty years, have been conducted in these gardens.
- 4. In the seed and storage house a full record is kept of each plant's growth.
- 5. The soil, moisture and temperature for plant growth are controlled in this greenhouse.
- 6. Plants from all parts of the world are patiently watched.
- 7. The potato was Mr. Burbank's first study when a boy, and as a result the Burbank potate is raised in all parts of the world. It is clean, smooth skinned and soldd.
- 8. This petate produces more to each acre.
- 9. The new wheat growing in this field is hardy, has a full head and its seed is worth \$4,000 per bushel.
- 10. It has taken ten years or more to improve this wheat.
- 11. Compare the new cats with the common farm cats.
- 12. The new cats were brought from Peru and have 100 grains in each head, while the common cats have 50 grains.
- 13. Mr. Burbank, on threshing the eats finds that the grain is large, yellow and without hulls.
- 14. This rhubarb or pie-plant leaf shows the long stem produced by crossing the plant.
- 15. The walnuts from this tree have shells thin as paper.
- 16. Think of rose bushes like trees! This is the Cherokee Rose Tree.
- 17. "To produce these results it has taken me years of patient waiting."

(Luther Burbank - - - - #2)

- 18. If the fibers of the cotton plant can be lengthened, the cloth will be stronger. The cotton blossom.
- 19. This is the improved cotton with the long fibers.
- 20. The artichoke which is a flower bud, has been increased in size.
- 21. This large variety is as sweet and tender as the finest asparagus.
- 22. Sunflower seed yields oil. See how Burbank has increased the size of the sunflower.
- 23. Burbank studied the wild prickly cactus.
- 24. Large areas of arid lands are covered with the cactus plant.
- 25. Burbank has removed the spines from the castus and made it a rich and tender forage crop.
- 26. Observe that the spines are gone.
- 27. The fruit is the "cactus pear" which grows on the edge of the "leaf".
- 28. Each pear is about three inches in diameter colored orange, white or yellow many flavors thirty to forty on each plant.
- 29. This fruit is good to eat, excellent for jellies and preserves.
- 30. Within six months after planting, one acre of cactus will produce 75 tons of forage, which has about one-half the food value of alfalfa.
- 31. Burbank does these marvels by selecting and crossing plants. To cross the lily with another plant, the stamensare first removed.
- 32. The pollen is taken from the blessom of another plant.
- 33. The pollen is now placed on the pistil of the lily.
- 34. The lily is covered with a paper bag. If the crossing is successful, the seeds of a new plant are produced.
- 35. These seeds if planted produce an improved flower.
- 36. Thus plants may be improved when nature's ways are known.
- 37. "So long as the world has people, so long as there is soil to till and flowers to bloom so long will Burbank's work live."

THE END.

This document is from the Library of Congress "Motion Picture Copyright Descriptions Collection, 1912-1977"

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